



Indiana Department of Environmental Management
Office of Water Quality
Wetlands Section

Publication Date:
October 2, 2008

IDEM ID Number:
2008-493-67-JPS-A

Closing Date:
October 23, 2008

Corps of Engineers ID Number:
Not Available

PUBLIC NOTICE

To all interested parties:

This letter shall serve as a formal notice of the receipt of an application for **Section 401 Water Quality Certification** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

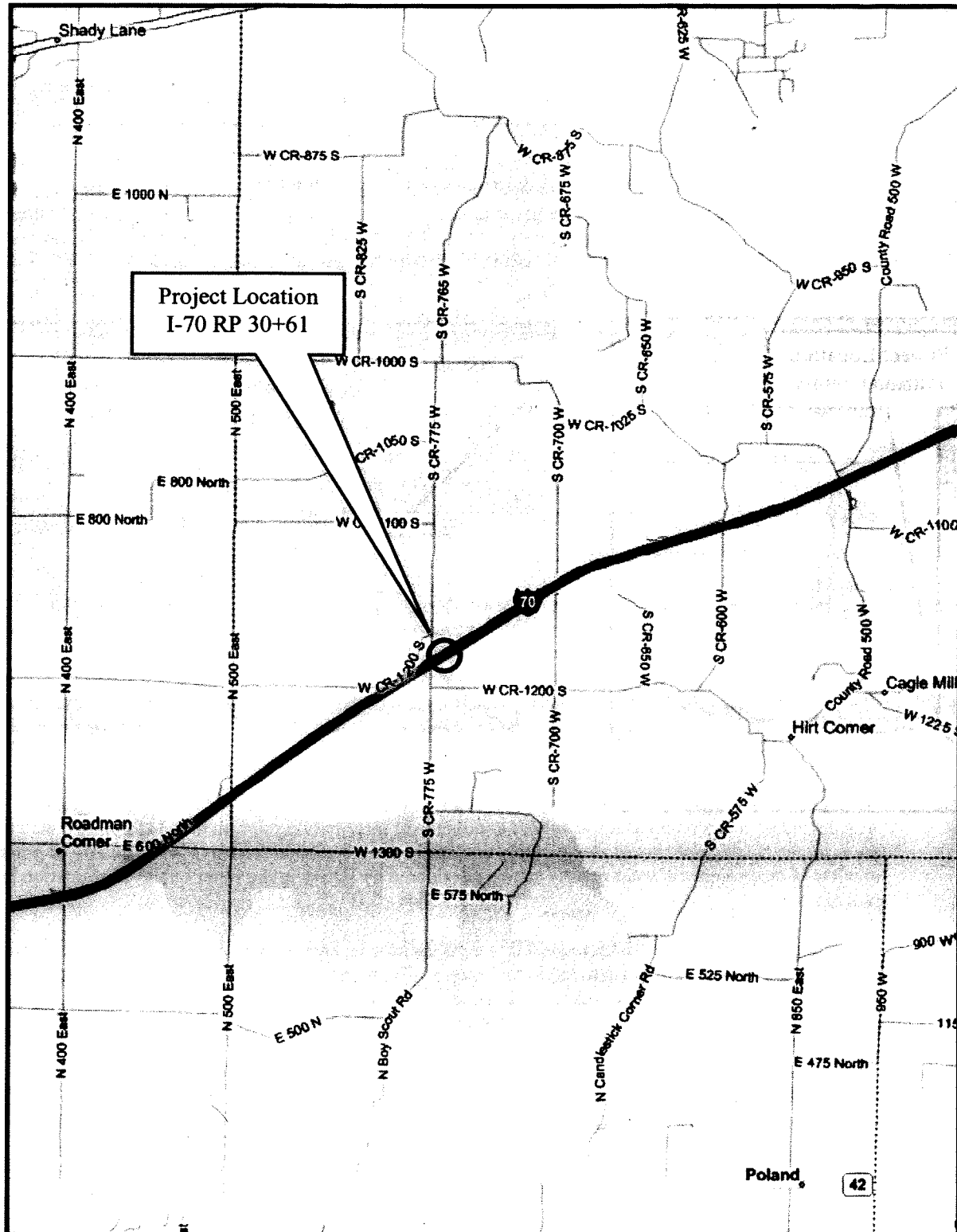
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|----------------------|--|------------------|---|
| 1. Applicant: | Mr. Richard Phillabaum
Indiana Department of Transportation
100 North Senate Avenue, Room N642
Indianapolis, IN 46204 | 2. Agent: | Mike Hoy - Project Designer
Indiana Department of Transportation
100 North Senate Avenue, Room N642
Indianapolis, IN 46204 |
|----------------------|--|------------------|---|
- 3. Project location:** SW 1/4 of Section 8, Township 12 North, Range 9 West, Poland U.S.G.S. Quadrangle
West of Indianapolis, on I-70 at Mile Marker 30, in Putnam County.
- 4. Affected waterbody:** Unnamed Tributary (UNT) to Croys Creek
- 5. Project Description:** The applicant has requested an after-the-fact 401 Water Quality Certification in order to complete an emergency structure replacement on I-70 over the UNT to Croys Creek. The applicant proposes to replace the existing 220 feet long twin structures, damaged during the June 2008 flooding, with a single 184 feet long 3-sided structure with channel shaping 25 feet upstream and 26 feet downstream. The new 3-sided structure will be placed 13 feet east of the existing twin structures causing the relocation of the existing 220 feet of stream currently running under I-70. The new stream channel will be relocated 13 feet to the east to a 245.4 feet long newly constructed natural stream bed running through the new 3-sided structure.

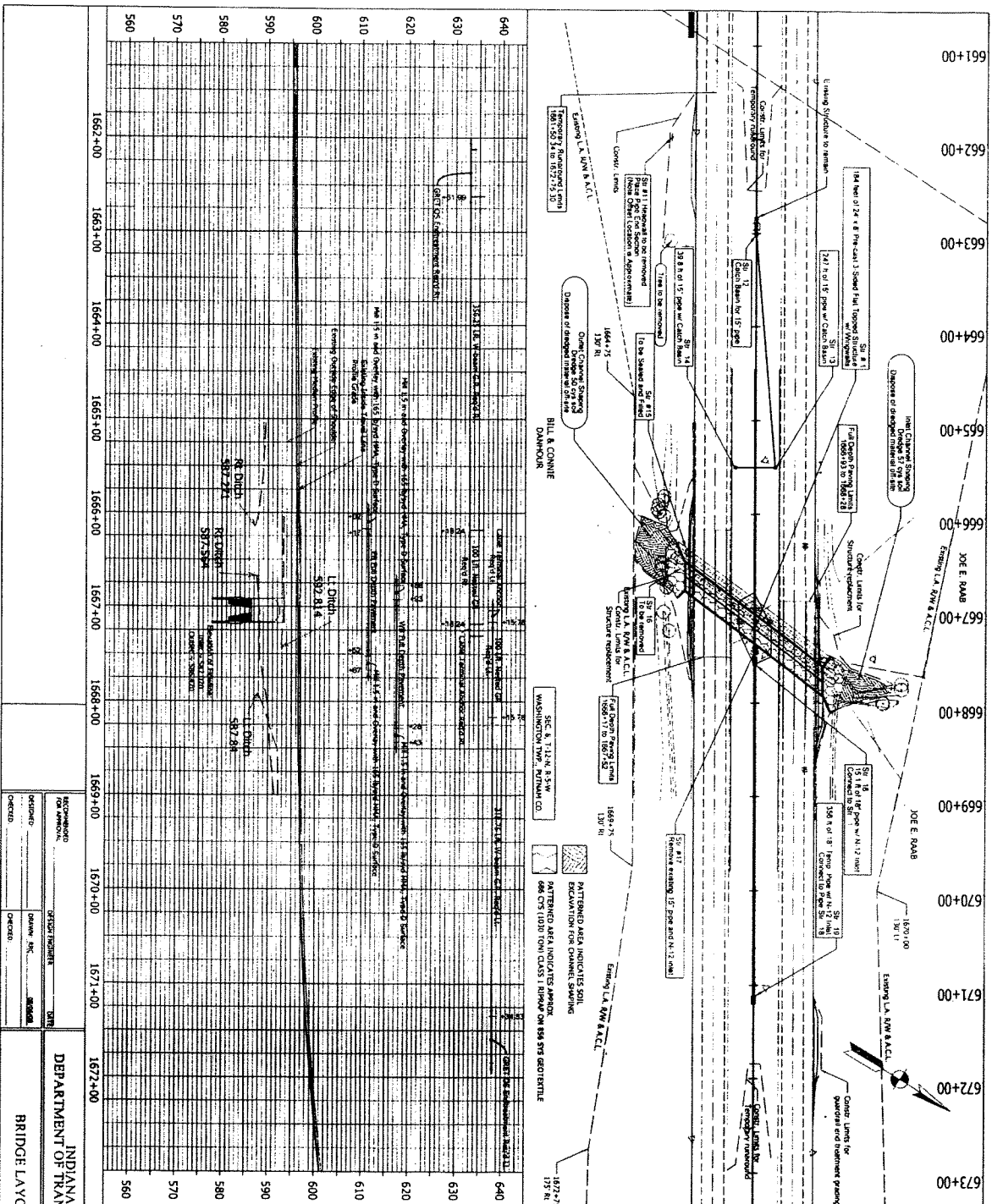
- Comment period:** Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.
- Public Hearing:** Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.
- Questions?** Additional information may be obtained from Mr. Jared Sanders, Project Manager, at 317-234-6352. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM's final decision. Written comments and inquiries may be forwarded to -

Indiana Department of Environmental Management
100 North Senate Avenue
MC65-42 WQS IGCN 1255
Indianapolis, Indiana 46204-2251
FAX: 317/232-8406

DES: 0801047

Emergency Flood Relief Project
I-70 Bridge Replacement
Putnam County





PUBLIC UTILITIES
NO KNOWN UTILITIES PRESENT

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PRESENT STRUCTURE

Present structures are 220 ft long by 4 to 5 ft wide, 200 cubic ft. One known built as part of Contract R-0791 in 1964. The eastern structure has extensive scour damage from the inlet to 60 feet inside due to the June 2000 floods. The bottom of the structure was compromised due to the washing away of the foundation material. Sediment has accumulated at the south end of the structure.

HYDRAULIC DATA

Waterway Opening	144	Sq. Ft.
Waterway Opening Provided	124	Sq. Ft.
Drainage Area	915	Cfs.
Design Discharge, Q100	6.35	Fps.
Velocity	593.77	M/S
Q100 Elev.	1.1	ft.
Backwater at Q100	97.4	Sq. Ft.
Existing Waterway Opening	295	Sq. Ft.
Existing Backwater	592.47	M/S
Low Structure Elev.	593.56	M/S
Existing Low Structure Elev		

EARTHWORK TABULATION

Fill + 20%	?	Cy
Common Excavation	?	Cy
Usable Waterway Excavation (70%)	?	Cy
Surplus Foundation Excavation	?	Cy
Waste (Borrow)	?	Cy
Total Waterway Excavation	?	Cy
Benching (Estimated)	?	Cy

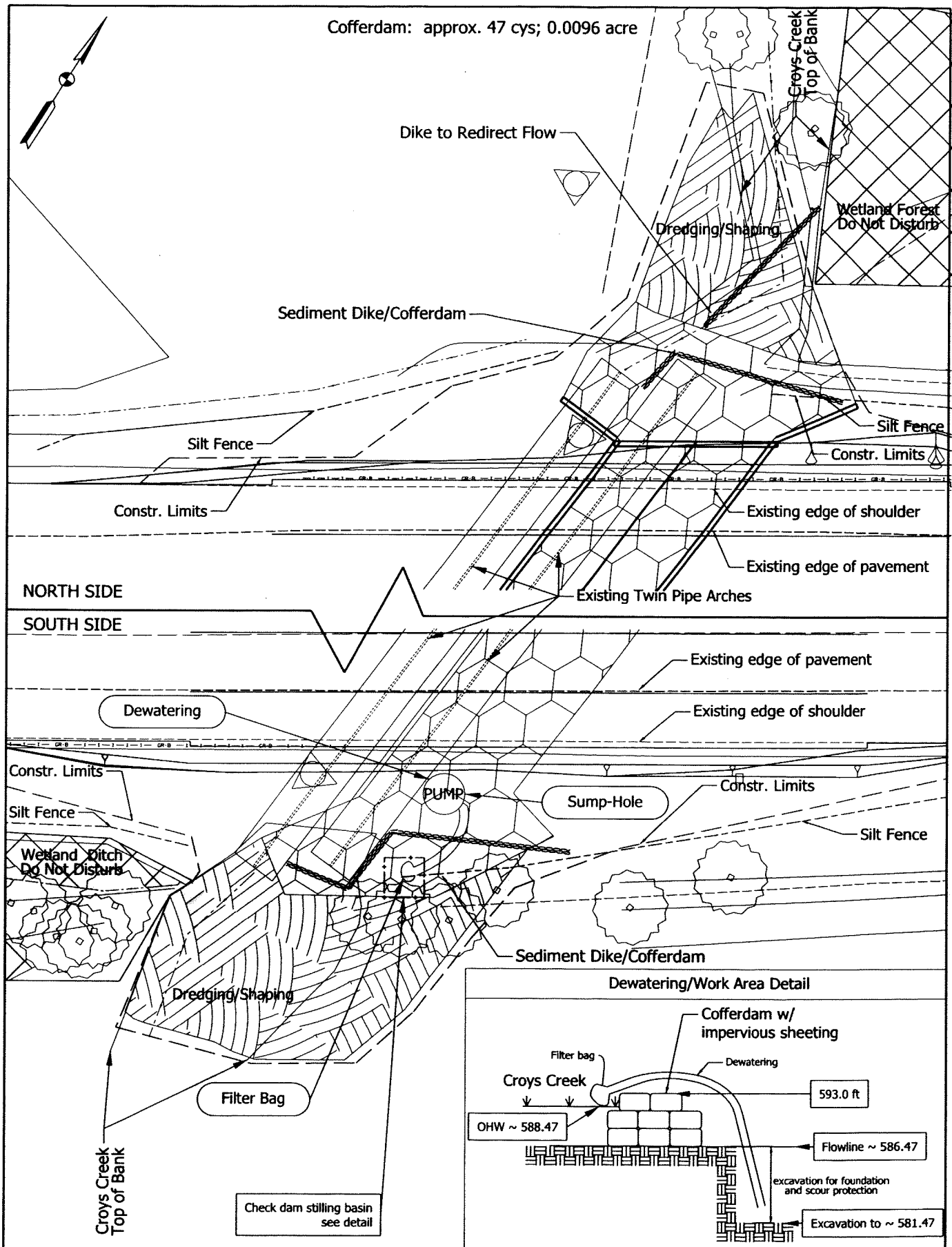
a No direct payment. Benching will not be paid for as Common Excavation.

PRECAST REINFORCED CONCRETE FLAT TOP 3-SIDED CULVERT
24-FT SPAN X 6-FT RISE, 37° SKEW
BRANCH OF CROYS CREEK ON I-70
IN PUTNAM COUNTY

INDIANA
DEPARTMENT OF TRANSPORTATION

AUTHORIZED FOR RELEASE DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 50'		MICRO FILM IDENTIFICATION	
OFFICE PROJECT DATE _____		BRIDGE LAYOUT		START BOX 81146		SHEETS 1 OF 1	
DESIGNER DRAWN BY CHECKED DESIGNED		BRIDGE LAYOUT		CONTRACT 81146		PERMITTED	

Cofferdam: approx. 47 cys; 0.0096 acre



DEWATERING DETAIL